Hecla
MINING COMPANY

April 7, 2010

Sent via email

Kelcey Land
U.S. Environmental Protection Agency
Region 8, 8ENF-T
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RE: Progress report for March 2010 activities - Hecla Mining Company Apex Site (EPA ID No. UT982589848, Docket No. RCRA-8-99-06)

Dear Kelcey:

Per paragraph 64 of the Order, enclosed is a copy of the referenced progress report for your records.

If you have any questions please do not hesitate to call me at (208) 769-4112 or e-mail at pglader@hecla-mining.com.

Sincerely,

Paul L. Glader
Manager Environmental Services

Encl

Cc: HMC Legal Dept (w/o attachments)

Hecla
MINING COMPANY

April 7, 2010

Sent via U.S. Mail

Glenn Rogers, Chairman.
Shivwits Band of Paiute Indian Tribe
6060 West 3650 North
Ivins, Utah 84738

John Krause
Bureau of Indian Affairs
400 North 5th Street, Floor 12
Phoenix, AZ 85004

Kelly Youngbear
BIA Southern Paiute Agency
P.O. Box 720
St. George, UT 84771

RE: Progress report for March 2010 activities - Hecla Mining Company Apex Site (EPA ID No. UT982589848, Docket No. RCRA-8-99-06)

Dear Chairman Rogers, Mr. Krause and Ms. Youngbear:

Per paragraph 64 of the Order, enclosed is a copy of the referenced progress report for your records.

If you have any questions please do not hesitate to call me at (208) 769-4112 or e-mail at pglader@hecla-mining.com.

Sincerely,

Paul L. Glader
Manager Environmental Services

Encl

Cc: HMC Legal Dept. (w/o attachments)
Kelcey Land (USEPA, Region VIII) (w/o attachments)

Hecla
MINING COMPANY

April 7, 2010

MEMORANDUM TO: Apex File

COPIES TO: distribution

FROM: Paul Glader

SUBJECT: **Progress Report No. 71 for period ending March 31, 2010; Pond 2 Final Closure - Apex Site, Washington County, Utah**

Summary

The monthly visual inspection, per the long term monitoring plan, was conducted on March 13. No unusual conditions were noted.

Geotechnical Monitoring

Based on the data showing that the facility has experienced consistently low settlement rates over the past three years, Hecla will continue to monitor the facility, however with survey data being collected on an annual basis.

The settlement monitors were surveyed on August 17, 2009. No appreciable movement was noted. MEI prepared a Surface Monument Survey Data Review. Based on surface monitoring survey data collected from January 2006 through August 2009:

- Overall settlement of the reclaimed impoundment top surface continues to be very minor
- Settlement rates continue to slightly decrease

Work Planned for Next Period

Visual inspection of site

Cost and Schedule

Committed costs in March 2010 were $176. Total project to date committed cost is approximately $1,476,000.

Supplemental Attachments

March 2010 site inspection report

March 2010 cost report

Annual Site Inspection Summary Sheet - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 1 of 4 - Summary

Date: 3-13-10

Inspector: D. Truman

Cover System Component	Potential Problem		Allowable Limits	Limits Potentially Exceeded
Site Perimeter	Erosion or Fencing Issues		NA	NA
Cover System (outslopes, top, rock)	Subsidence		**Minor**: ponding < 1" some gullying / erosion	Yes ✓* No
			Significant: see Table 2	Yes * No ✓
	Embankment Slope Stability		excessive movement or surface cracks > than 1"	Yes * No ✓
	Gullying	on top	depth > 1"	Yes * No ✓
		at embankment crest or on outslope	depth > 2"	Yes * No ✓
		w/in normal flow channel in diversion channel	no gullying allowed	Yes * No ✓
		w/in diversions at toe of impoundment outslope	no gullying allowed	Yes * No ✓
		in diversion channel at any other location	NA	NA
	Erosion Protection Stability		rock subsiding or missing	Yes * No ✓
	Seepage		no colored seepage allowed (red, blue, yellow w/ crystallization)	Yes * No ✓
Runoff Control System	Diversion Channel		rock in place, channel not moving, fence stable	Yes ✓* No
	Diversion Swales		rock in place, no silting in or head cutting	Yes ✓* No
	Excessive silt build up at fence lines in diversion channel		allowed if not effecting cover system	Yes * No ✓

* Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 2 of 4 - Site Perimeter

Inspection Date: 3/13/10

Inspector: D. Ryan

Visible Outlying Areas

Observed Condition: Nothing new to Report this month

Observed Damage: None

May require repair: Yes __* No ✓

Property Boundary Fence and Gate (walk fence line)

Observed Condition: Fence & Gates are in Good Repair

Observed Damage: None

Potential Corrective Actions: None

May require repair: Yes __* No ✓

All Upgradient Areas (areas that drain onto property)

Observed Condition: All upgradient Areas Look fine.

Observed Damage: None

May require repair: Yes __* No ✓

* Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 3 of 4 - Impoundment

Inspection Date: 3-13-10

Inspector: Irwin

Outslopes

Observed Performance:	Rock Cover Subsidence:	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Excessive Slope Movement (failure):	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Gully Development:	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Observable Leachate (colored):	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Excessive Siltation (at slope toe):	Yes ___	No ✓	May require repair: Yes ___ * No ✓

Observed Damage: None

Potential Corrective Actions: None

Top (top surface soils)

Observed Performance:	Cracking (>1" width):	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Settlement / Evidence of Ponding:	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Erosion / Gullying:	Yes ___	No ✓	May require repair: Yes ___ * No ✓

Observed Damage: None

Potential Corrective Actions: None

Erosion Protection Layer (rock)

Observed Performance:	Rock Staying in Place:	Yes ✓	No ___	May require repair: Yes ___ * No ✓
	Rock Subsiding:	Yes ___	No ✓	May require repair: Yes ___ * No ✓
	Missing Rock:	Yes ___	No ✓	May require repair: Yes ___ * No ✓

Observed Damage: None

Potential Corrective Actions: None

* Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 4 of 4 - Diversion Channel and Swales

Date: 3-13-10
Inspector: D. Ira

Diversion Channel

Observed Performance:	Erosion Protection in place:	Yes ✓ No ___	May require repair: Yes ___* No ✓
	Normal Flow Channel in place:	Yes ✓ No ___	May require repair: Yes ___* No ✓
	Encroaching on Site Fencing:	Yes ___ No ✓	May require repair: Yes ___* No ✓
Observed Damage:	None		
Potential Corrective Actions:	None		

Diversion Swales

Observed Performance:	Erosion Protection in place:	Yes ✓ No ___	May require repair: Yes ___* No ✓
	Flow Channel Silting in:	Yes ___ No ✓	May require repair: Yes ___* No ✓
	Head Cutting:	Yes ___ No ✓	May require repair: Yes ___* No ✓
Observed Damage:	None		
Potential Corrective Actions:	None		

* Mark all areas of concern or requiring repairs on attached site map.

Activity	2004 Budget	Revised Budget May 2004	Committed Cost this Period	Cumulative Committed Cost To Date 3-31-10	Forecasted Cost To Complete	Forecasted Final Cost	Remarks on Forecast to Complete
Phases I through III *(Completed February 2006)*							
Phase I - Drain Excess Liquid From Tailings	189,200	72,700		67,928	0	67,928	
Phases II, IIA + IIB - Evaporate Excess Liquid	6,000	8,000		242,882	0	242,882	
Phase III - Regrading & Final Cover System	337,000	342,050		504,742	0	504,742	
Field Indirect Costs	164,500	213,568		378,517	0	378,517	Includes Jan + Feb 2006 long term monitoring costs
Hecla Costs	18,700	18,700	0	33,324	0	33,324	
Subtotal Phases I through III	**715,400**	**655,018**	**0**	**1,227,393**	**0**	**1,227,393**	
Long Term Monitoring *(through FY 2010)*							
Site Inspections			176	190,695	4,018	194,713	
Settlement Monitoring				8,775	1,650	10,425	
Consultant Support:							
Annual Geotechnical Engineer Inspections				2,495	18,100	20,595	Includes settlement monitoring data analysis
Vegetation Monitoring			0	0	20,000	20,000	Allowance for surveys in FY 2008 - 2010
Site Conditions Review - MEI			0	7,669	2,132	9,801	
Site Conditions Review - SVL Analytical			0	2,079		2,079	
Erosion Repair Review - MEI				2,927	573	3,500	
Revegetation Review - Bamberg					3,500	3,500	
Maintenance:							
Erosion Repair Allowance				21,941	7,500	29,441	Erosion repair conducted April 2008
Revegetation Allowance				9,912	10,000	19,912	Revegetation conducted April 2008
Hecla Project Management Costs:							
Labor			0	2,266	7,909	10,175	
Travel expenses			0	0	1,312	1,312	
Subtotal Long Term Monitoring	**0**	**0**	**176**	**248,759**	**76,694**	**325,453**	
Total Pond 2 Final Closure	**715,400**	**655,018**	**176**	**1,476,152**	**76,694**	**1,552,846**	